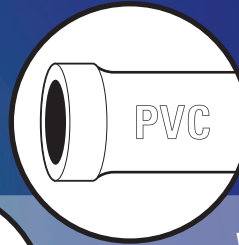
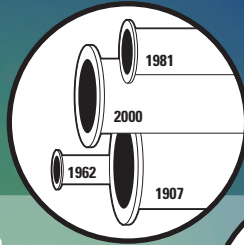


WATER MAIN BREAK: CAUSES and REPAIR

CAUSES

As pipes age, they become weaker and more brittle and therefore more susceptible to cold weather impacts.



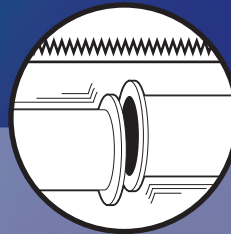
PVC is much more susceptible to cold weather impacts.



Weather: Going from hot to cold stresses pipe materials. Over time, this weakens pipes.

STEP 1:

Locate shut off valve and turn off water source.

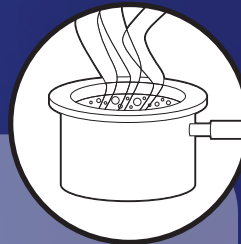
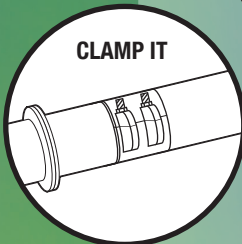


REPAIRS

STEP 2:

Isolate the break.

Geological Movement: ground settling and other changes in the ground can pipes to deflect, shift and dislodge creating cracks and breaks.

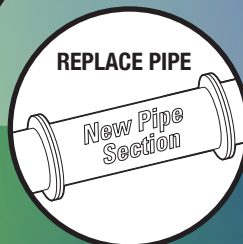


IF NECESSARY, ISSUE BOIL WATER ADVISORY

Reasons: Break cannot be isolated, low water pressure less than 20psi with continued water service.

STEP 3:

Determine the repair method.



CITY OF ATLANTA DEPARTMENT OF
**watershed
management**